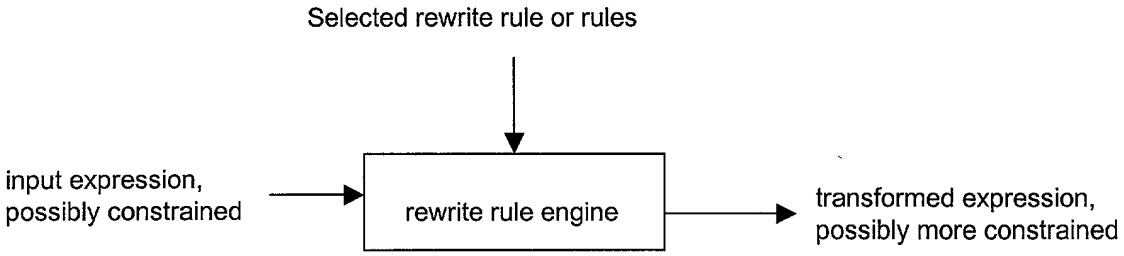
Selected rewrite rule or rules
input expression,
possibly constrained
rewrite rule engine
transformed expression,
possibly more constrained

Fig.1

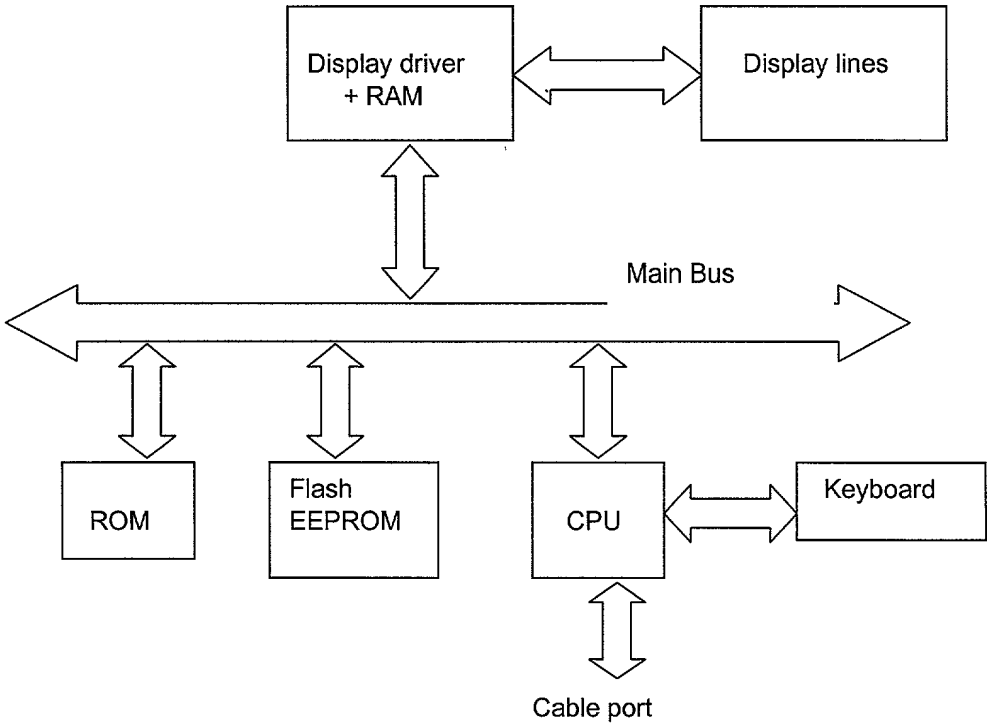
Display driver
+ RAM
Display lines
Main Bus
ROM
Flash
EEPROM
CPU
Keyboard
Cable port

Fig.3

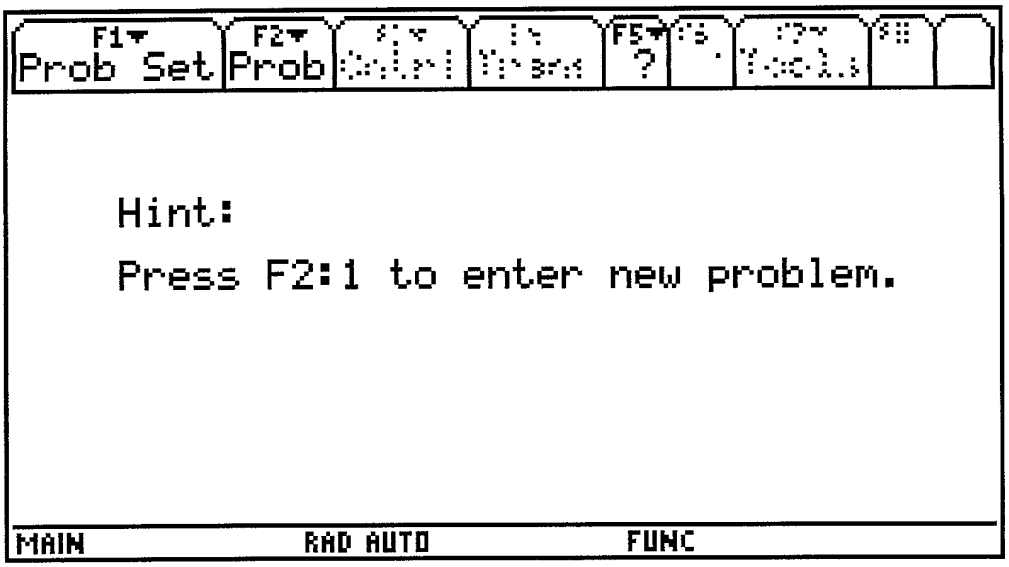
F1▾
Prob Set
F2▾
Prob
F5▾
?
Hint:
Press F2:1 to enter new problem.
MAIN
RAD AUTO
FUNC

Fig.2a

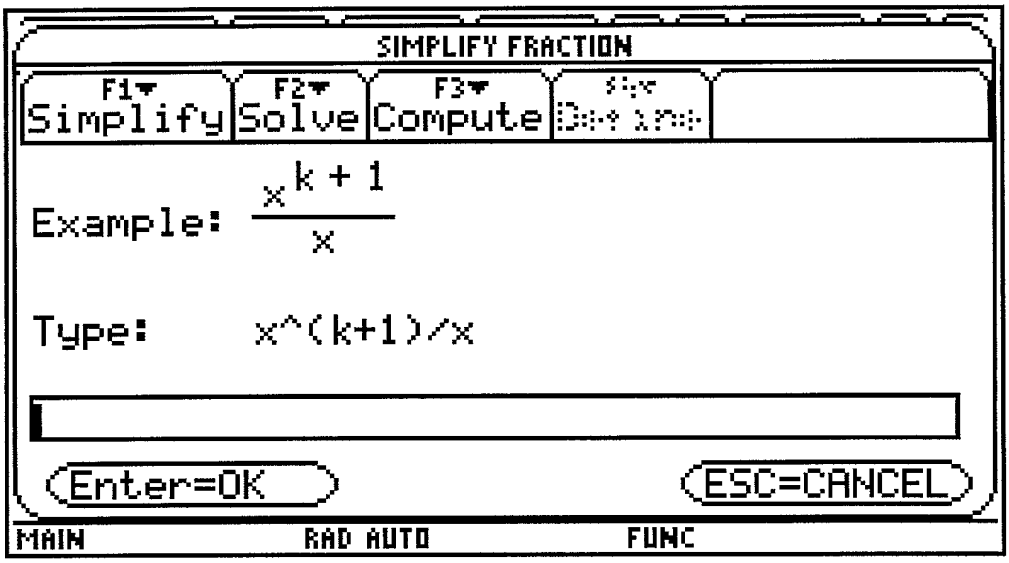
SIMPLIFY FRACTION
F1▾
Simplify
F2▾
Solve
F3▾
Compute
Example: $\frac{x^{k+1}}{x}$
Type: x^(k+1)/x
Enter=OK
ESC=CANCEL
MAIN
RAD AUTO
FUNC

Fig.2b

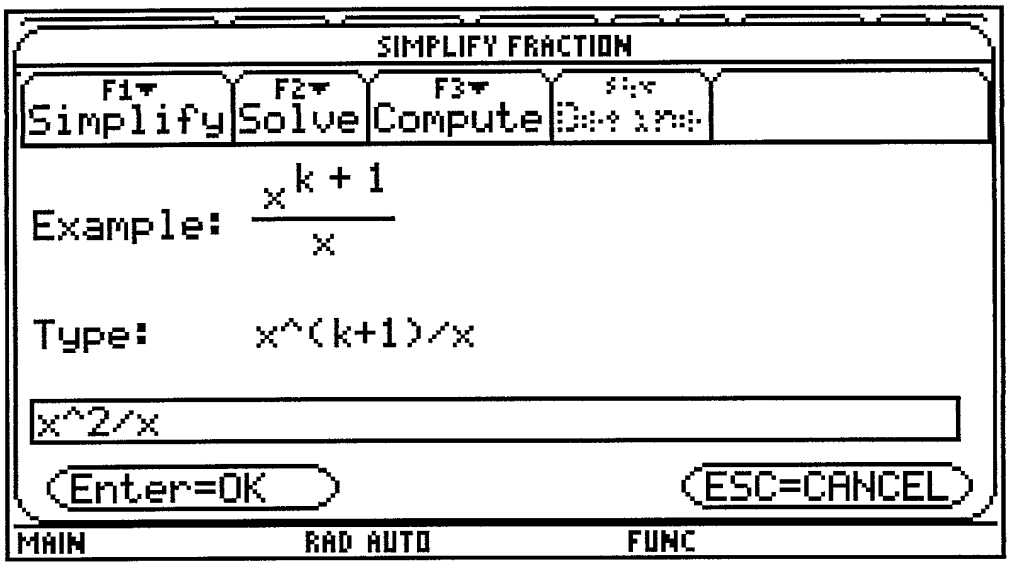
SIMPLIFY FRACTION
F1 Simplify
F2 Solve
F3 Compute
Example: $\frac{x^{k+1}}{x}$
Type: x^(k+1)/x
x^2/x
Enter=OK
ESC=CANCEL
MAIN
RAD AUTO
FUNC

Fig.2c

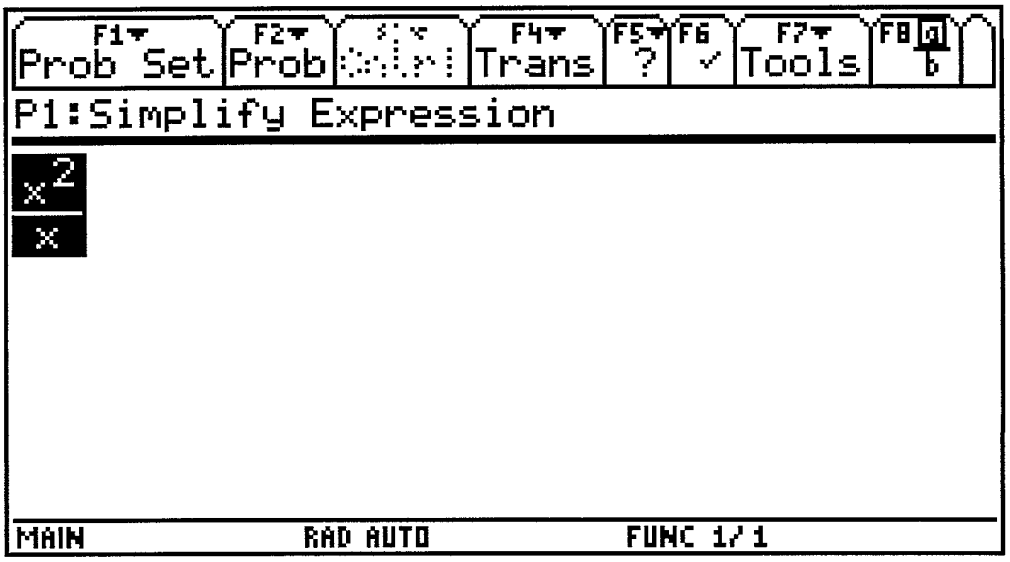
F1 Prob Set
F2 Prob
F4 Trans
F5 ?
F6
F7 Tools
F8
P1:Simplify Expression
$\frac{x^2}{x}$
MAIN
RAD AUTO
FUNC 1/1

Fig.2d

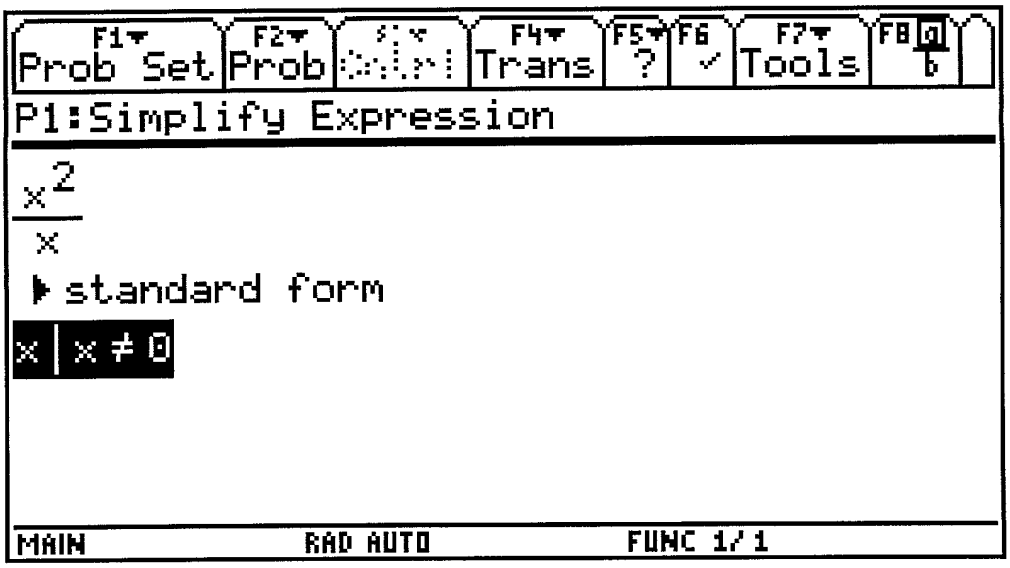
F1 Prob Set
F2 Prob
F4 Trans
F5 ?
F6 ✓
F7 Tools
F8 b
P1:Simplify Expression
x^2/x
▶standard form
x | x≠0
MAIN
RAD AUTO
FUNC 1/1

Fig.2e

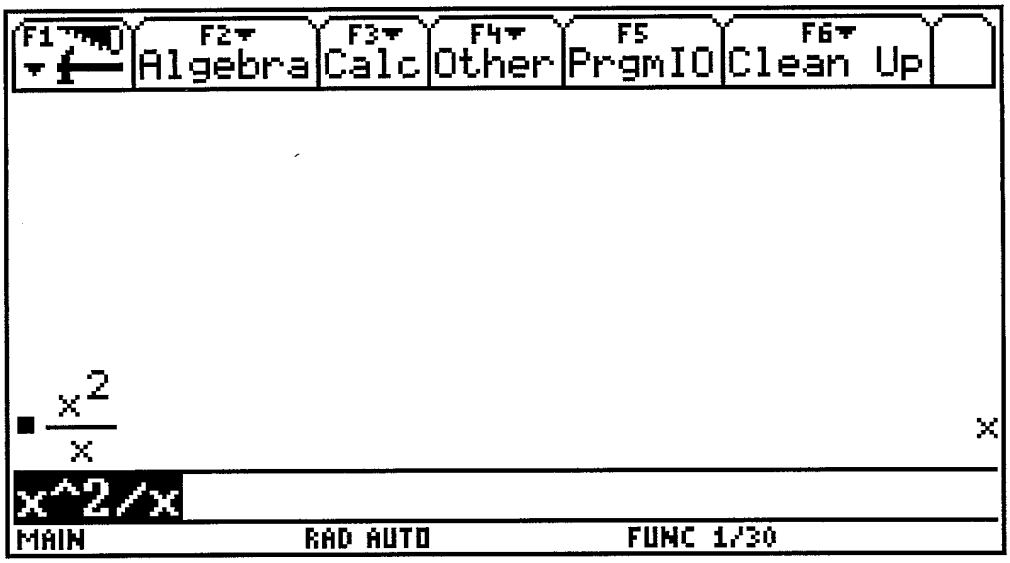
F1
F2 Algebra
F3 Calc
F4 Other
F5 PrgmIO
F6 Clean Up
x^2/x
MAIN
RAD AUTO
FUNC 1/30

Fig.2f